

# ABSTRACT

Servocontrol is achieved on a radiation detector that controls a motor (7) that makes a rod (9) slide, 5 tilting a mobile portion (12) of an absorbing enclosure (2) to open or close a collimation slit (3) and adjust the amount of radiation received by the detection solid (1) to an ideal value for measurement precision.

This device can be used particularly in gamma 10 spectrometry.

Figure 1.

TOP SECRET